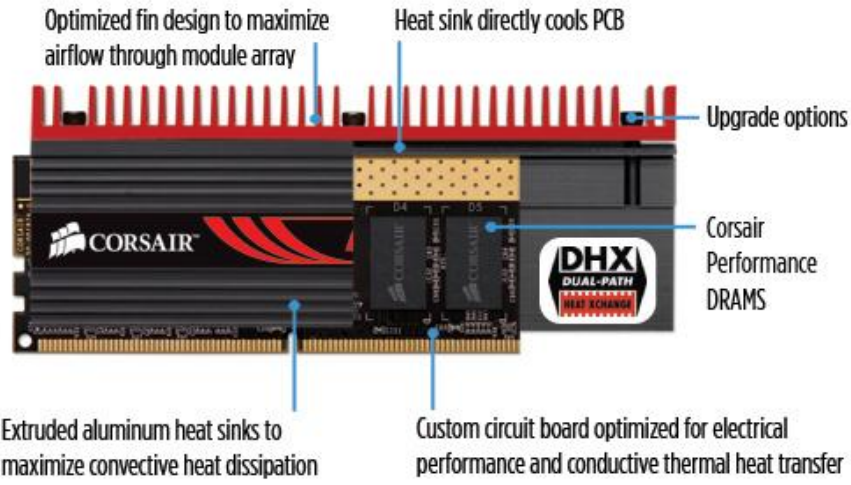
Performance Hardware

User's Guide

Removing Dominator DHX-2 Cooling Fins


Optimized fin design to maximize airflow through module array
Heat sink directly cools PCB
Upgrade options
Corsair Performance DRAMS
Extruded aluminum heat sinks to maximize convective heat dissipation
Custom circuit board optimized for electrical performance and conductive thermal heat transfer
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DHX
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An illustrated step-by-step guide to removing the cooling fins from Dominator and Dominator GT DDR3 memory modules.

1 Dominator and Dominator GT Removable Fins

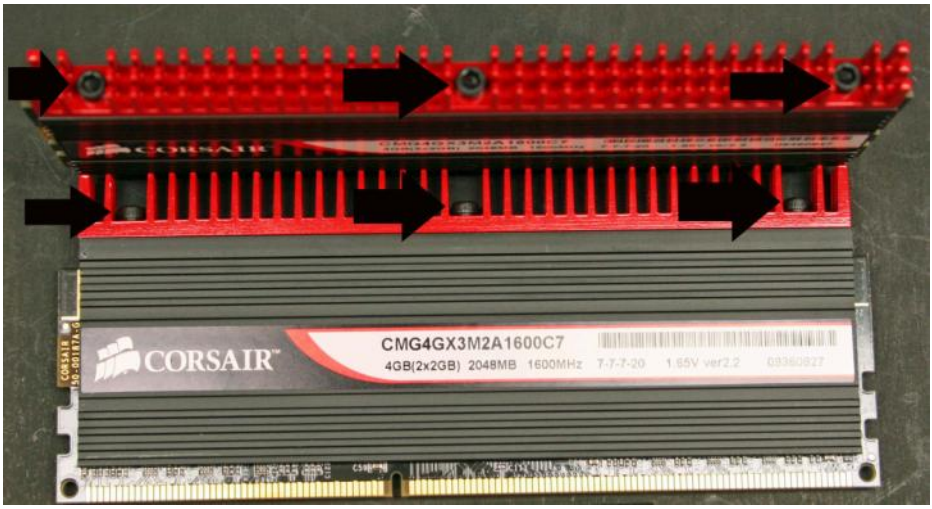
Extended Cooling Fin (Black)

Extended Cooling Fin (Red)

Corsair H-30
Memory Cooler

Dominator and Dominator GT DDR3 memory modules are made using DHX-2 features, a revision of our original DHX cooling technology. One of the primary improvements is the use of removable cooling fins. The fins can be removed so that end users can easily add custom cooling fins for aesthetic and cooling improvements as well as adding custom memory cooling solutions such as the H-30.

2 Removing the Cooling Fins



The cooling fins are attached using 3 screws. You will need a 3/32” hex key or allen wrench to remove these screws.

3 Remove the 3 Screws

Use the hex key to turn the screws counter clockwise. Once all 3 screws are removed, the cooling fin will come off.

4 The Cooling Fin Removed

Once the cooling fins are removed, the modules are ready for the installation of upgraded cooling fins or custom cooling solutions. The grey material on the top of the heat sinks is thermal interface material or TIM. This is a thermally conductive material used to facilitate heat transfer from the heat sinks to the cooling fins. This material can be retained if needed and reused with the replacement fins or cooling solution or it can be discarded if not needed. You may want to retain it in the event that you need to reinstall the original cooling fin.

Resources

Corsair Dominator and Dominator GT memory specifications can be found here: http://www.corsair.com/products/memory_home.aspx

Additional information on the Corsair H-30 memory cooler can be found here: https://shop.corsair.com/store/item_view.aspx?id=833087

Corsair Extended Cooling Fins can be found here: https://shop.corsair.com/store/default.aspx

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